AME OF WORK: Construction of Toilets at Parks in Yelahanka New Town Sub division in ward no 03 and 04

EMB

"FIRST AND FINAL BILL"

OF WORK: Construction of Toilets at Parks in Yelahanka New Town Sub division in ward no 03 and 04

Measurement :

Detailed Measurements

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
Earthwork excavation by manual means for foundations, either in pits or trenches 1.5m and above in width, in soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches , stacking the excavated soil clear from edges from edges of excavation with lead upto 50m, including breaking of clods complete as per specification in hard soil .KSRB 2-3							
Dobhi ghat							
Footing		6	2.00	2.00	1.65	39.60	
Foundation		2	6.40	1.00	1.20	15.36	
		2	4.60	1.00	1.20	11.04	
Vivekananda Park							
Footing		8	2.00	2.00	1.65	52.80	
Foundation		2	5.50	1.00	1.20	13.20	
		2	5.50	1.00	1.20	13.20	
Ambhabhavani Nagar Park							
Footing		8	2.00	2.00	1.65	52.80	
Foundation		2	9.20	1.00	1.20	22.08	
		2	3.10	1.00	1.20	7.44	
Visveswaraya Park							
Footing		8	2.00	2.00	1.65	52.80	
Foundation		2	3.70	1.00	1.20	8.88	
		2	8.00	1.00	1.20	19.20	
					Present Qty	**308.40**	**Cum**

Contractor

Assistant Engineer

30.7.2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Assistant Executive Engineer

ME OF WORK: Construction of Toilets at Parks in Yelahanka New Town Sub division in ward no 03 and 04

e of Measurement :

Detailed Measurements

m o	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS							
	Dobhi ghat							
	Footing		6	2.00	2.00	0.40	9.60	
	Vivekananda Park							
	Footing		8	2.00	2.00	0.30	9.60	
	Ambhabhavani Nagar Park							
	Footing		8	2.00	2.00	0.30	9.60	
	Visveswaraya Park							
	Footing		8	2.00	2.00	0.30	9.60	
						Present Qty	**38.40**	**Cum**

Contractor

Assistant Engineer

4.8.2020

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ Asst. Executive Engineer,
ಜೆ ಜೆ ಎನ್ ಪಿ, ಬೆಂಗಳೂರು-106

...ity please inform the Competent Authority. www.sholestamp.com Any discrepancy in ... on the users of the certificate

AME OF WORK: Construction of Toilets at Parks in Yelahanka New Town Sub division in ward no 03 and 04

te of Measurement :

em No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	Detailed Measurements							
1	KSRB 4.2.8: Providing and laying in position reinforced cement concrete of design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels, and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns,pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6							
	Dobhi ghat							
	Plinth Beam Concrete		2	6.40	0.20	0.30	0.77	
			2	4.60	0.20	0.30	0.55	
	Coloumns		6	0.20	0.40	2.90	1.39	
	Roof Beam		2	6.40	0.20	0.20	0.51	
			2	4.60	0.20	0.20	0.37	
	Roof Slab		1	6.70	5.35	0.15	5.38	
	Vivekananda Park							
	Plinth Beam Concrete		2	5.50	0.20	0.30	0.66	
			2	5.50	0.20	0.30	0.66	
	Coloumns		8	0.20	0.40	2.90	1.86	
	Roof Beam		2	5.50	0.20	0.20	0.44	
			2	5.50	0.20	0.20	0.44	
	Roof Slab		1	6.40	6.10	0.15	5.86	
	Ambhabhavani Nagar Park							
	Plinth Beam Concrete		2	9.20	0.20	0.30	1.10	
			2	3.10	0.20	0.30	0.37	
	Coloumns		8	0.20	0.40	2.90	1.86	
	Roof Beam		2	9.20	0.20	0.20	0.74	
			2	3.10	0.20	0.20	0.25	
	Roof Slab		1	9.20	4.30	0.15	5.93	
	Visveswaraya Park							
	Plinth Beam Concrete		2	3.70	0.20	0.30	0.44	
			2	8.00	0.20	0.30	0.96	
	Coloumns		8	0.20	0.35	2.90	1.62	
	Roof Beam		2	3.70	0.20	0.20	0.30	
			2	8.00	0.20	0.20	0.64	
	Roof Slab		1	4.30	9.20	0.15	5.93	
						Present Qty	**39.03**	**Cum**

Contractor

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ನ್ಯೂಟೌನ್ ಉಪವಿಭಾಗ.
Asst. Executive Engineer,
ಬಿ.ಬಿ.ಎಂ.ಪಿ

22/2/2020

ME OF WORK: Construction of Toilets at Parks in Yelahanka New Town Sub division in ward no 03 and 04

te of Measurement :

Detailed Measurements

:m lo	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
6	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. In depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. Including cost of all labour complete as per specifications. No. KBS 2.9							
	Dobhi ghat							
	Footing		6	2.00	1.00	1.65	19.80	
	Foundation		2	6.40	0.50	1.20	7.68	
			2	4.60	0.50	1.20	5.52	
	Vivekananda Park							
	Footing		8	2.00	1.00	1.65	26.40	
	Foundation		2	5.50	0.50	1.20	6.60	
			2	5.50	0.50	1.20	6.60	
	Ambhabhavani Nagar Park							
	Footing		8	2.00	1.00	1.65	26.40	
	Foundation		2	9.20	0.55	1.20	12.14	
			2	3.10	0.60	1.20	4.46	
	Visveswaraya Park							
	Footing		8	2.00	1.00	1.65	26.40	
	Foundation		2	3.70	0.60	1.20	5.33	
			2	8.00	0.60	1.20	11.52	
						Present Qty	**158.86**	**Cum**

K. [illegible]
Contractor

Assistant Engineer
5.10.2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು.
ಯಲಹಂಕ ನ್ಯೂಟೌನ್ ಉಪವಿಭಾಗ ನಂ.2,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Assistant Executive Engineer,

ME OF WORK: Construction of Toilets at Parks in Yelahanka New Town Sub division in ward no 03 and 04

e of Measurement :

Detailed Measurements

m o	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
9	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 20mm nominal OD pipes.							
	Dobhi ghat							
			1	56.00			56.00	
	Vivekananda Park							
			1	41.00			41.00	
	Ambhabhavani Nagar Park							
			1	49.00			49.00	
	Visveswaraya Park							
			1	54.00			54.00	
						Present Qty	**200.00**	**m**

Contractor

Assistant Engineer

8.10.2020

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ನೂತನ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Executive Engineer,

CHFC

ME OF WORK: Construction of Toilets at Parks in Yelahanka New Town Sub division in ward no 03 and 04

e of Measurement :

Detailed Measurements

m o	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 32 mm nominal OD pipes.							
	Dobhi ghat							
			1	46.00			46.00	
	Vivekananda Park							
			1	58.00			58.00	
	Ambhabhavani Nagar Park							
			1	39.00			39.00	
	Visveswaraya Park							
			1	56.00			56.00	
						Present Qty	**199.00**	**m**

Contractor

Assistant Engineer

2.10.2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ನಾಡಪ್ರಭು ಕೆಂಪೇಗೌಡ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೧೦೬

Asst. Executive Engineer,

ME OF WORK: Construction of Toilets at Parks in Yelahanka New Town Sub division in ward no 03 and 04

e of Measurement :

Detailed Measurements

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
Digging of trench of 0.6m deep x 0.50 mtr wide refiling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7)(61/7.9)In soil (ordinary)							
Dobhi ghat							
		10				10.00	
Vivekananda Park							
		10				10.00	
Ambhabhavani Nagar Park							
		10				10.00	
Visveswaraya Park							
		10				10.00	
					Present Qty	**40.00**	**m**

CNRe

Contractor

Assistant Engineer

16.10.2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ನ್ಯೂಟೌನ್ ಉಪವಿಭಾಗ
Asst. Executive Engineer,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

E OF WORK: Construction of Toilets at Parks in Yelahanka New Town Sub division in ward no 03 and 04

of Measurement :

Detailed Measurements

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
Providing and laying in position plain cement concrete of mix 1:4:8 with OPC @ 180 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1,4.2							
Vivekananda Park							
		2	5.50	3.00	0.20	6.60	
		2	5.50	3.00	0.20	6.60	
Ambhabhavani Nagar Park							
		2	3.10	0.50	0.20	0.62	
		1	9.20	3.00	0.20	5.52	
Visveswaraya Park							
		1	8.00	3.00	0.20	4.80	
		1	8.00	2.00	0.20	3.20	
		2	3.70	3.00	0.20	4.44	
					Present Qty	**31.78**	**Cum**

Contractor

Assistant Engineer

೨೨.10.2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ
Asst. Executive Engineer,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

ME OF WORK: Construction of Toilets at Parks in Yelahanka New Town Sub division in ward no 03 and 04

of Measurement :

Detailed Measurements

n	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.							
	Dobhi ghat							
	Wall							
			2	4.60		3.00	27.60	
			2	6.40		3.00	38.40	
			1	4.30		3.00	12.90	
	Parapet Wall		2	4.60		0.90	8.28	
			2	6.40		0.90	11.52	
	Deduction							
	Door D		-2	0.90		2.10	-3.78	
	Door D1		-2	0.75		2.10	-3.15	
	Ventilator V		-1	3.15		0.50	-1.58	
	Ventilator V1		-2	0.60		0.50	-0.60	
	Vivekananda Park							
	Wall							
			3	5.50		3.00	49.50	
	Parapet Wall		2	5.50		3.00	33.00	
			2	5.50		0.90	9.90	
	Deduction		2	5.50		0.90	9.90	
	Door D		-2	0.90		2.10	-3.78	
	Door D1		-4	0.75		2.10	-6.30	
	Ventilator V		-2	3.15		0.50	-3.15	
	Ventilator V1		-2	0.60		0.50	-0.60	
	Ambhabhavani Nagar Park							
	Wall							
			2	9.20		3.00	55.20	
			3	3.10		3.00	27.90	
	Parapet Wall		2	9.20		0.90	16.56	
			2	3.10		0.90	5.58	
	Deduction							
	Door D		-2	0.80		2.10	-3.36	
	Door D1		-4	0.75		2.10	-6.30	
	Ventilator V		-2	1.35		0.50	-1.35	
	Ventilator V1		-4	0.60		0.50	-1.20	
	Visveswaraya Park							
	Wall							
			3	3.70		3.00	33.30	
			2	8.00		3.00	48.00	
	Parapet Wall		2	3.70		0.90	6.66	

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
		2	8.00		0.90	14.40	
Deduction							
Door D		-3	0.95		2.10	-5.99	
Door D1		-3	0.80		2.10	-5.04	
Ventilator V		-1	3.15		0.50	-1.58	
Ventilator V1		-3	0.60		0.50	-0.90	
Compound Repair							
		1	8.00		1.80	14.40	
		1	5.20		1.80	9.36	
		1	3.10		1.80	5.58	
		1	9.20		1.80	16.56	
		1	4.90		1.80	8.82	
		1	8.00		1.80	14.40	
		1	16.20		1.80	29.16	
Ramp							
Vivekananda Park							
		2	5.50		0.40	4.40	
		2	5.50		0.40	4.40	
Ambhabhavani Nagar Park							
		2	3.10		0.40	2.48	
		1	9.20		0.40	3.68	
Visveswaraya Park							
		1	8.00		0.40	3.20	
		1	8.00		0.40	3.20	
		2	3.70		0.40	2.96	
					Present Qty	**482.56**	**Sqm**

Contractor

Assistant Engineer

2.11.2020

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ Assistant Executive Engineer,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

ME OF WORK: Construction of Toilets at Parks in Yelahanka New Town Sub division in ward no 03 and 04

of Measurement :

Detailed Measurements

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
Providing 18mm thick cement plaster in single coat with cement mortar to brick masonry incluing rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Cement Mortar 1:4.KSRB 6-6.3. Cement Morter 1:4							
External Plastering							
Dobhi ghat							
Wall							
		2	4.60		2.90	26.68	
		2	6.40		2.90	37.12	
Parapet Wall		4	4.60		0.90	16.56	
		4	6.40		0.90	23.04	
Deduction							
Door D		-2	0.90		2.10	-3.78	
Ventilator V		-1	3.15		0.50	-1.58	
Ventilator V1		-2	0.60		0.50	-0.60	
Window		-1	1.20		1.00	-1.20	
Vivekananda Park							
Wall							
		2	5.50		2.90	31.90	
		2	5.50		2.90	31.90	
Parapet Wall		4	5.50		0.90	19.80	
		4	5.50		0.90	19.80	
Deduction							
Door D		-2	0.90		2.10	-3.78	
Ventilator V		-2	3.15		0.50	-3.15	
Ventilator V1		-2	0.60		0.50	-0.60	
Window		-2	1.20		1.00	-2.40	
Ambhabhavani Nagar Park							
Wall							
		2	9.20		2.90	53.36	
		2	3.10		2.90	17.98	
Parapet Wall		4	9.20		0.90	33.12	
		4	3.10		0.90	11.16	
Deduction							
Door D		-3	0.80		2.10	-5.04	
Ventilator V		-2	1.35		0.50	-1.35	
Ventilator V1		-4	0.60		0.50	-1.20	
Window		-2	1.20		1.00	-2.40	
Visveswaraya Park							
Wall							
		4	3.70		2.90	42.92	
		1	8.00		2.90	23.20	
Parapet Wall		2	3.70		2.90	21.46	
		4	3.70		0.90	13.32	

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
		4	8.00		0.90	28.80	
Deduction							
Door D		-3	0.95		2.10	-5.99	
Ventilator V		-1	3.15		0.50	-1.58	
Ventilator V1		-3	0.60		0.50	-0.90	
Window		-1	1.20		1.00	-1.20	
					Present Qty	**415.39**	**Sqm**
					Qty limitted to	**398.18**	**Sqm**

Contractor

Assistant Engineer

2.11.2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಬೆಂಗಳೂರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-64

Asst. Executive Engineer

ME OF WORK: Construction of Toilets at Parks in Yelahanka New Town Sub division in ward no 03 and 04

te of Measurement :

Detailed Measurements

m o	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
8	KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 - Colour glazed tiles 30x60 cms 6mm thick with border of size 30 x 10 cms.							
	Wall Tiles							
	Dobhi ghat							
	Wall							
			4	4.60		2.90	53.36	
			2	6.40		2.90	37.12	
			4	1.50		2.90	17.40	
			2	2.60		2.90	15.08	
	Deduction							
	Door D		-3	0.90		2.10	-5.67	
	Door D1		-4	0.75		2.10	-6.30	
	Ventilator V		-1	3.15		0.50	-1.58	
	Ventilator V1		-2	0.60		0.50	-0.60	
	Window		-1	1.20		1.00	-1.20	
	Vivekananda Park							
	Wall							
			4	5.50		2.90	63.80	
			2	5.50		2.90	31.90	
			4	3.00		2.90	34.80	
			8	1.40		2.90	32.48	
	Deduction							
	Door D		-2	0.90		2.10	-3.78	
	Door D1		-8	0.75		2.10	-12.60	
	Ventilator V		-2	3.15		0.50	-3.15	
	Ventilator V1		-2	0.60		0.50	-0.60	
	Window		-2	1.20		1.00	-2.40	
	Ambhabhavani Nagar Park							
	Wall							
			2	9.20		2.90	53.36	
			4	3.10		2.90	35.96	
			4	3.00		2.90	34.80	
			8	1.30		2.90	30.16	
	Deduction							
	Door D		-2	0.80		2.10	-3.36	
	Door D1		-8	0.75		2.10	-12.60	
	Ventilator V		-2	1.35		0.50	-1.35	
	Ventilator V1		-4	0.60		0.50	-1.20	
	Window		-2	1.20		1.00	-2.40	
	Visveswaraya Park							
	Wall							
			2	3.70		2.90	21.46	

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
		1	8.00		2.90	23.20	
		2	2.50		2.90	14.50	
		4	1.50		2.90	17.40	
Deduction							
Door D		-2	0.95		2.10	-3.99	
Door D1		-4	0.80		2.10	-6.72	
Ventilator V		-1	3.15		0.50	-1.58	
Ventilator V1		-3	0.60		0.50	-0.90	
Window		-1	1.20		1.00	-1.20	
					Present Qty	**443.61**	**Sqm**

Contractor

Assistant Engineer

6.11.2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ Executive Engineer,
ಜಿ.ಪಂ.ಎಂ.ಕ. ಬೆಂಗಳೂರು-106

ME OF WORK: Construction of Toilets at Parks in Yelahanka New Town Sub division in ward no 03 and 04

e of Measurement :

Detailed Measurements

m	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	KSRB 10-3 : Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound							
	Dobhi ghat							
	Roof Slab		1	6.70	5.35		35.85	
	Vivekananda Park							
	Roof Slab		1	6.40	6.10		39.04	
	Ambhabhavani Nagar Park							
	Roof Slab		1	9.20	4.30		39.56	
	Visveswaraya Park							
	Roof Slab		1	4.30	9.20		39.56	
						Present Qty	**154.01**	**Sqm**
						Qty limitted to	**138.06**	**Sqm**

Contractor

Assistant Engineer

5.11.2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ Engineer
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

ME OF WORK: Construction of Toilets at Parks in Yelahanka New Town Sub division in ward no 03 and 04

e of Measurement :

Detailed Measurements

n	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	KSRB 9.4-3 : Providing Mathi / Nandi wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33							
	Dobhi ghat							
	Door D		2	6.00	0.10	0.10	0.12	
	Vivekananda Park							
	Door D1		2	6.00	0.10	0.10	0.12	
	Ambhabhavani Nagar Park							
	Door D		2	5.70	0.10	0.10	0.11	
	Visveswaraya Park							
	Door D		3	6.00	0.10	0.10	0.18	
						Present Qty	**0.53**	**Sqm**

Contractor

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ನೂತನ ಪಟ್ಟಣ ಉಪವಿಭಾಗ.
ಕ ಪ.ಎ.ಕ. ಬೆಂಗಳೂರು-10.
Executive Engineer,

9.11.2020

ME OF WORK: Construction of Toilets at Parks in Yelahanka New Town Sub division in ward no 03 and 04

e of Measurement :

Detailed Measurements

n	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	KSRB 9-27.1 : Fixing of door frame in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m including cost of materials, labour charges, complete as per specifications. Fixing of Door Frame							
	Dobhi ghat							
	Door D		2				2.00	
	Door D1		2				2.00	
	Vivekananda Park							
	Door D		2				2.00	
	Door D1		4				4.00	
	Ambhabhavani Nagar Park							
	Door D		2				2.00	
	Door D1		4				4.00	
	Visveswaraya Park							
	Door D		3				3.00	
	Door D1		2				2.00	
	Toilet door repair							
	Door D		3				3.00	
						Present Qty	**24.00**	**Sqm**

Contractor

Assistant Engineer

9.11.2020

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ನ್ಯೂಟೌನ್ ಉಪವಿಭಾಗ
ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

NAME OF WORK: Construction of Toilets at Parks in Yelahanka New Town Sub division in ward no 03 and 04

Name of Measurement :

Item No	Discription of Item		Detailed Measurements					
			No	Length	Breadth	Depth	Qty	Unit
3	KSRB 11-2 : Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm with integral type footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.							
	Dobhi ghat							
			1				1.00	
	Vivekananda Park							
			2				2.00	
	Ambhabhavani Nagar Park							
			2				2.00	
	Visveswaraya Park							
			1				1.00	
	Attur School							
			2				2.00	
						Present Qty	**8.00**	**Unit**

FC

K. [illegible]
Contractor

Assistant Engineer
13.11.2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ Assty Executive Engineer
ಜಿ.ಬಿ.ಎ.ಪಿ. ಬೆಂಗಳೂರು-106

NAME OF WORK: Construction of Toilets at Parks in Yelahanka New Town Sub division in ward no 03 and 04

Date of Measurement :

Item No	Discription of Item	Detailed Measurements						
			No	Length	Breadth	Depth	Qty	Unit
37	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 10cms x 7.5cms							
	Dobhi ghat							
	Vivekananda Park		10				10.00	
	Ambhabhavani Nagar Park		10				10.00	
	Visveswaraya Park		10				10.00	
			10				10.00	
						Present Qty	**40.00**	**Each**

Contractor

Assistant Engineer

13.11.2020

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ನಾಡನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Asst. Executive Engineer,

ME OF WORK: Construction of Toilets at Parks in Yelahanka New Town Sub division in ward no 03 and 04

of Measurement :

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
			Detailed Measurements				
Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve , indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required (47/6.16) 5-32Amps SPN Group 'A'							
Dobhi ghat							
		1				1.00	
Vivekananda Park							
		1				1.00	
Ambhabhavani Nagar Park							
		1				1.00	
Visveswaraya Park							
		1				1.00	
					Present Qty	**4.00**	**Each**

Contractor

Assistant Engineer

12.11.2020

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ನ್ಯೂಟೌನ್ ಉಪವಿಭಾಗ.
Asst. Executive Engineer,

E OF WORK: Construction of Toilets at Parks in Yelahanka New Town Sub division in ward no 03 and 04

f Measurement :

Detailed Measurements

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
Fixing all types and all capacities of fluorescent / false ceilling / spot / LED fittings indoor on the wall / celling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps. (108/17.7)							
Dobhi ghat							
		3				3.00	
Vivekananda Park							
		3				3.00	
Ambhabhavani Nagar Park							
		3				3.00	
Visveswaraya Park							
		3				3.00	
					Present Qty	**12.00**	**Each**

Contractor

Assistant Engineer

12.11.2020

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ನ್ಯೂಟೌನ್ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೬೫

Assist. Executive Engineer

CIVIL PRO

ME OF WORK: Construction of Toilets at Parks in Yelahanka New Town Sub division in ward no 03 and 04

e of Measurement :

Detailed Measurements

n	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	Supplying of 2'x2' LED recessed liminaire with 36 Watts system wattage. Housing Shall be with pressure die cast aliminum alloy with corrosion proof resistant polyester power coated. Drive operates with voltage range from 100V to 270V 50/60Hz with short circuit, overload and mis-wiring protection. Lumen Maintenance of 70% at 70% at 500000 Hrs. injuction moulded poly carbonate diffuser for better mechanical stability, light transmission & avoid pot hole effect. Junction Temperature shall be <70 degree Celsius. Driver is on constant current driver @ 0.06A with PF >0.92 with line voltage @ 220-240V 50/60Hz, driver efficiency > 85% & THD< 15%, LED Efficiency > 130 im/W at 1W & Fixture Efficiency > 75im/w with CRI > 75 with injuction moulded polycarbonate lens with < 80mm depth. 5Years Warrenty against any manufacturing defect working under standerd electrical condition.(26/4.33.2) a)2'x2'-36Watts							
	Dobhi ghat		2				2.00	
	Vivekananda Park		2				2.00	
	Ambhabhavani Nagar Park		2				2.00	
	Visveswaraya Park		2				2.00	
						Present Qty	**8.00**	**Each**

Contractor

Assistant Engineer

12-11-2020

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ನೂತನನಗರ ಉಪವಿಭಾಗ,
Asst. Executive Engineer,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-64

NAME OF WORK: Construction of Toilets at Parks in Yelahanka New Town Sub division in ward no 03 and 04

Date of Measurement :

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	Detailed Measurements							
3	Providing and fixing stainless steel 304 grade for staircase railings, balconies, ramps, with hand rail, 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of and electrical charges, etc., complete as per specifications.							
	Vivekananda Park							
			3	5.70		1.20	20.52	
	Ambhabhavani Nagar Park							
			1	10.90		1.20	13.08	
						Present Qty	**33.60**	**Sqm**

Contractor

Assistant Engineer

17.11.2023

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-10

Asst. Executive Engineer